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Signed: \_\_\_\_\_

Karen A. Hallock

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No. : 10/006,535 Confirmation No.: 1081  
Applicant : FEDERICO CARNIEL et al.  
Filed : December 5, 2001  
TC/A.U. : 3663  
Examiner : STEPHEN C. CUNNINGHAM

Docket No. : CISCP735  
Customer No. : 26541  
Title : GAIN FLATTENED BI-DIRECTIONALLY PUMPED RAMAN  
AMPLIFIER FOR WDM TRANSMISSION SYSTEMS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE AFTER FINAL**

**RECEIVED**  
MAR 05 2004  
**GROUP 3600**

Sir:

In response to the Final Office Action of August 27, 2003, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

An **Appendix** including simulation results is attached following page 8 of this paper.